

Specifications

Portable electric submersible pump for dewatering of construction sites, mines, flooded areas etc. Designed for handling liquid with abrasive particles. Prot class IP68.

Pump Types

WEDA 40 3-phase.

Electric Motor

3-phase: Squirrel cage induction motor with built-in contactor.
Insulation: Class F (+311F), IEC 85.

Performance data WEDA 40

| | | Three phase |
|-----------------|------|-------------|
| Rated output | hp | 4 |
| Rated current A | 110v | - |
| | 230v | - |
| | 460v | 5.8 |
| Shaft speed | rpm | 3550 |

Motor Protection

Thermal switch in each winding (+266 degree F).

Cable

Oil and wear resistant rubber cable.
65ft 4 x AWG 16

Shaft Seal

Double seals with oil compartment.
Primary seal: Silicon carbide against silicon carbide.
Secondary seal: Lip seal against wear sleeve.

Bearings

Single-row ball bearing with C3 clearance.

Materials

- Castings: Aluminium
- Outer-casing: Aluminium
- Shaft: Stainless steel
- Fasteners: Stainless steel
- Impeller: Cr-alloyed white cast iron
- Wear parts: Nitrile rubber

Discharge connection

3" NPT std, opt 4", hose or BSP.

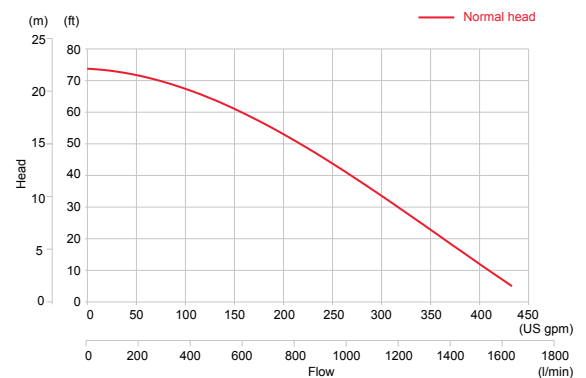


Weight: 55 lbs
Max. solid size: 0,27"/7mm

Dimensions (inch)

Flow Chart

According to ISO 9906 - ANNEX A



Features

- Robust design
- Lightweight and user friendly
- Wear resistant wet end in CR-alloy steel and natural rubber
- Adjustable wear parts
- Built-in contactor
- Easy installation

Designed for

- Heavy duty pumping of abrasive liquids
- Max submersible depth of 66ft
- Max temperature of liquid +104F
- Max density of liquid, 68lbs/ft³
- pH of the liquid between 5-8
- For special applications contact Weda pump

Accessories

- Low suction collar
- Float switch
- Zinc anodes
- Epoxy Coating
- Stainless steel strainer
- Quick coupling type 1, 2.5"